FIG.2

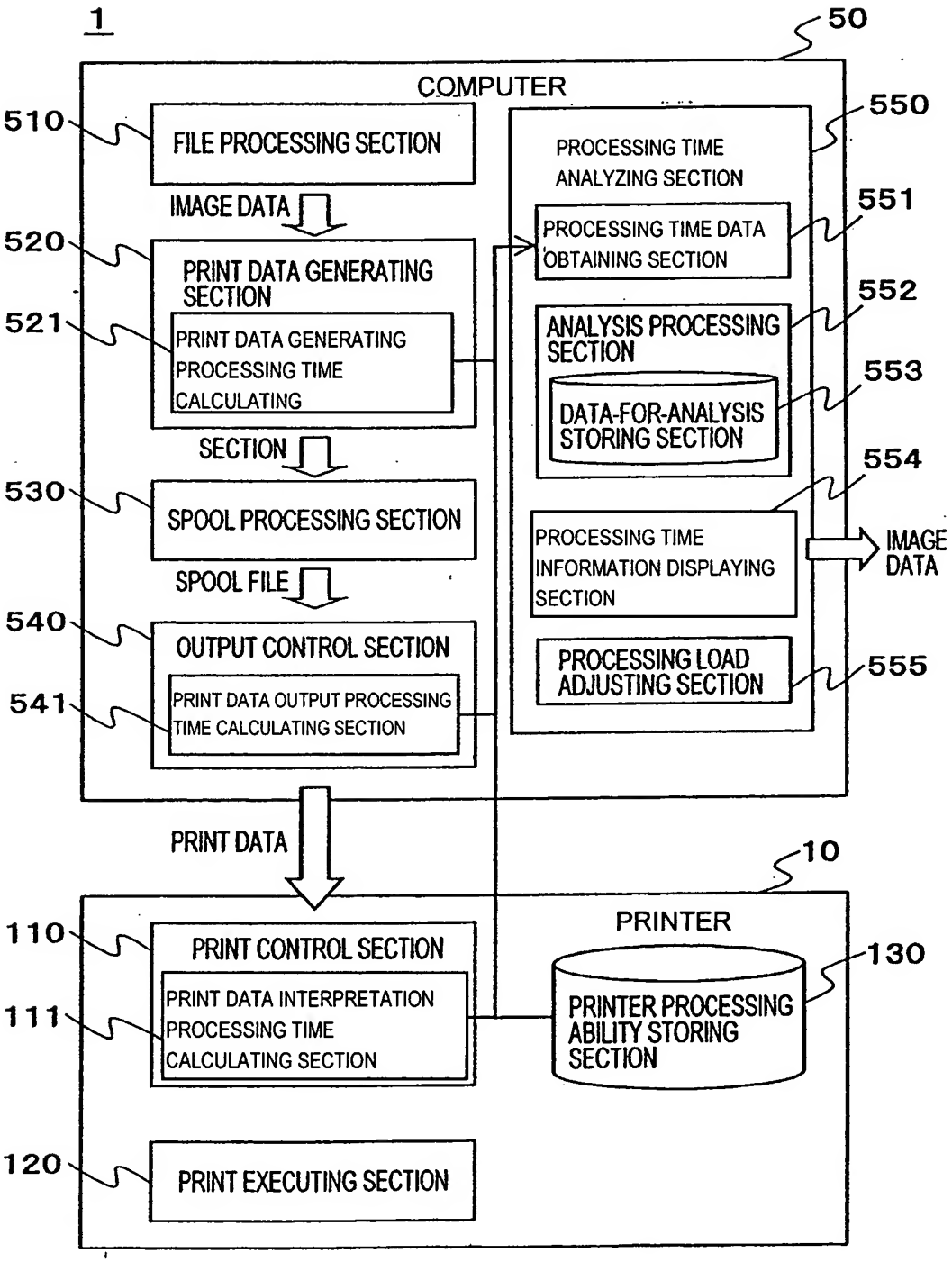
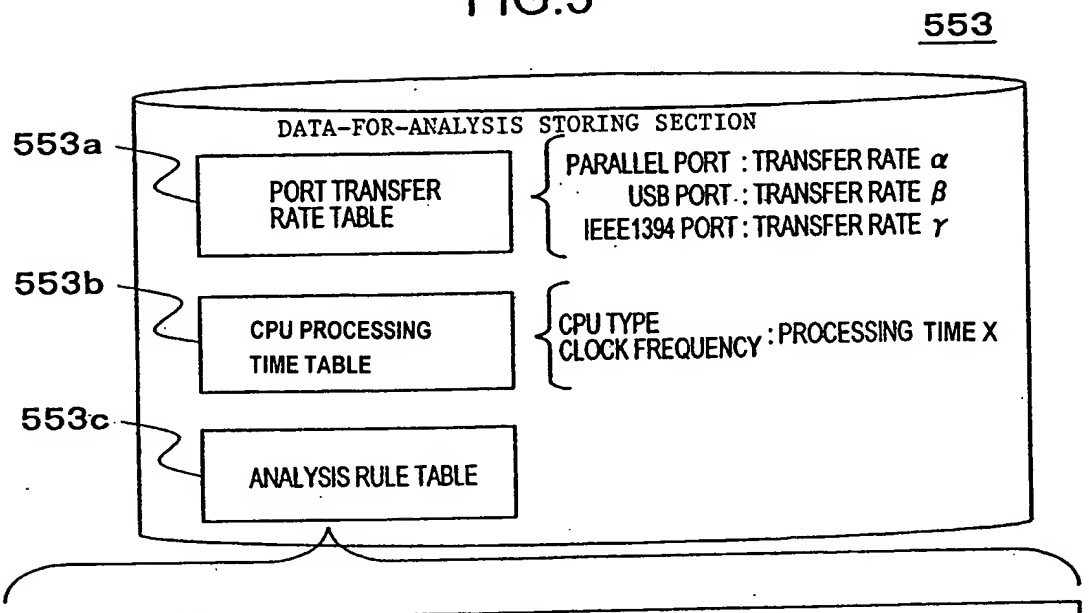

1
50
COMPUTER
510
FILE PROCESSING SECTION
IMAGE DATA
520
PRINT DATA GENERATING SECTION
521
PRINT DATA GENERATING PROCESSING TIME CALCULATING SECTION
530
SPOOL PROCESSING SECTION
SPOOL FILE
540
OUTPUT CONTROL SECTION
541
PRINT DATA OUTPUT PROCESSING TIME CALCULATING SECTION
550
PROCESSING TIME ANALYZING SECTION
551
PROCESSING TIME DATA OBTAINING SECTION
552
ANALYSIS PROCESSING SECTION
553
DATA-FOR-ANALYSIS STORING SECTION
554
PROCESSING TIME INFORMATION DISPLAYING SECTION
IMAGE DATA
555
PROCESSING LOAD ADJUSTING SECTION
PRINT DATA
10
PRINTER
110
PRINT CONTROL SECTION
111
PRINT DATA INTERPRETATION PROCESSING TIME CALCULATING SECTION
130
PRINTER PROCESSING ABILITY STORING SECTION
120
PRINT EXECUTING SECTION

FIG.3



MEASUREMENT RESULTS	PROCESSES	CONTENTS TO BE DISPLAYED
a1≈a2≈b≈c	—	"PRINTING PROCESS IS EFFICIENTLY EXECUTED IN THE PRINT SYSTEM CURRENTLY USED."
a1>a2≈b<c	1) OBTAIN CURRENTLY USED PORT 2) DETECT A AVAILABLE PORT 3) REFER TO A TABLE AND DETERMINE A COUNTERMEASURE	"DUE TO A LOW DATA TRANSFER RATE, DATA PROCESSING TIME OF THE PRINTER AND DATA GENERATING ABILITY OF THE COMPUTER ARE NOT EFFICIENTLY USED." "THE CURRENTLY USED PORT IS " XXX. "BY REPLACING WITH" YYY, THE PRINT PROCESSING TIME CAN BE IMPROVED BY" ZZZ "%".
a1>a2≈b≈c	1) OBTAIN INFORMATION AS TO CURRENTLY USED CPU 2) REFER TO A TABLE AND DETERMINE A COUNTERMEASURE	"DUE TO A LOW DATA GENERATION PROCESSING TIME, PROCESSING ABILITY OF THE PRINTER IS NOT EFFICIENTLY USED." "CURRENTLY USED CPU IS " XXX. "BY REPLACING WITH THE CPU OF" YYY, " THE PRINT PROCESSING TIME CAN BE IMPROVED BY" ZZZ "%".
a1≈a2≈b<c	1) SEARCH OTHER PRINTER ON THE NETWORK 2) OBTAIN A MAXIMUM PROCESSING ABILITY VALUE AND DETERMINE A COUNTERMEASURE	"DUE TO A LOW PROCESSING ABILITY OF THE PRINTER, PROCESSING ABILITY OF THE COMPUTER IS NOT EFFICIENTLY USED." "CURRENTLY USED PRINTER IS" XXX. "IF PRINTING IS EXECUTED BY THE PRINTER" YYY, "THE PRINT PROCESSING TIME CAN BE IMPROVED BY" ZZZ "%".
b<c	SUPPRESS CPU POWER SO AS TO OBTAIN c≈b	"COMPARING TO PROCESSING ABILITY OF THE PRINTER, CPU POWER IS EXCESSIVE. CPU LOAD ON THE PRINTING PROCESS WILL BE SUPPRESSED."

FIG.4

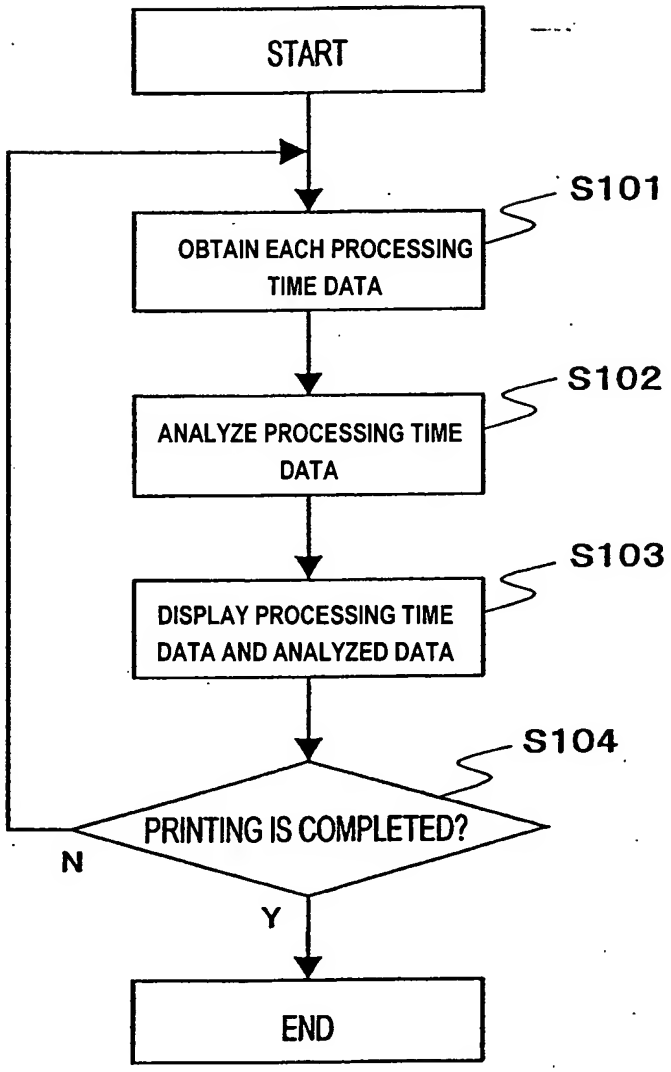
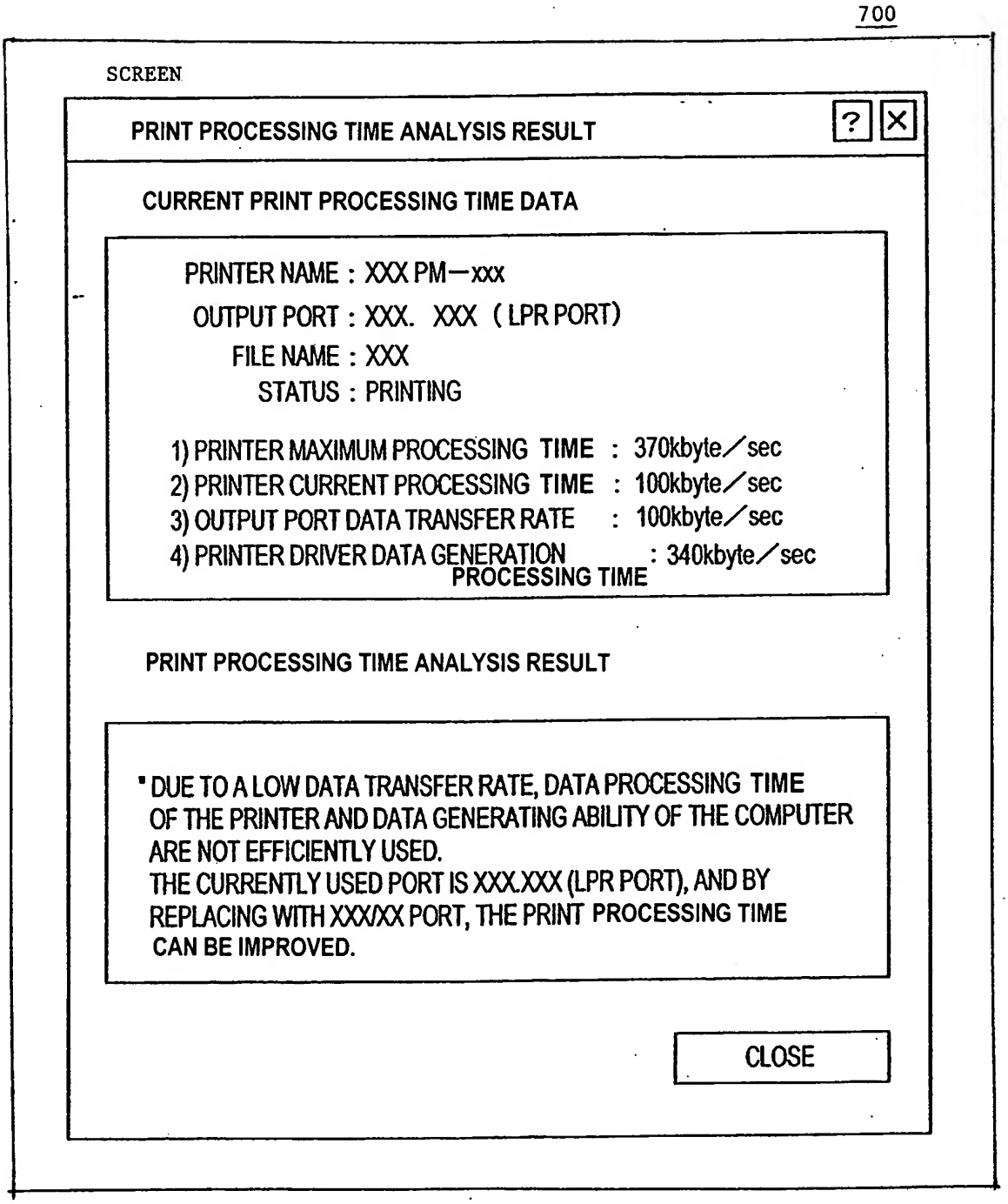

START
S101
OBTAIN EACH PROCESSING TIME DATA
S102
ANALYZE PROCESSING TIME DATA
S103
DISPLAY PROCESSING TIME DATA AND ANALYZED DATA
S104
PRINTING IS COMPLETED?
N
Y
END

FIG.5


700
SCREEN
PRINT PROCESSING TIME ANALYSIS RESULT
?
X
CURRENT PRINT PROCESSING TIME DATA
PRINTER NAME : XXX PM—xxx
OUTPUT PORT : XXX. XXX (LPR PORT)
FILE NAME : XXX
STATUS : PRINTING
1) PRINTER MAXIMUM PROCESSING TIME : 370kbyte/sec
2) PRINTER CURRENT PROCESSING TIME : 100kbyte/sec
3) OUTPUT PORT DATA TRANSFER RATE : 100kbyte/sec
4) PRINTER DRIVER DATA GENERATION PROCESSING TIME : 340kbyte/sec
PRINT PROCESSING TIME ANALYSIS RESULT
* DUE TO A LOW DATA TRANSFER RATE, DATA PROCESSING TIME OF THE PRINTER AND DATA GENERATING ABILITY OF THE COMPUTER ARE NOT EFFICIENTLY USED.
THE CURRENTLY USED PORT IS XXX.XXX (LPR PORT), AND BY REPLACING WITH XXX/XX PORT, THE PRINT PROCESSING TIME CAN BE IMPROVED.
CLOSE